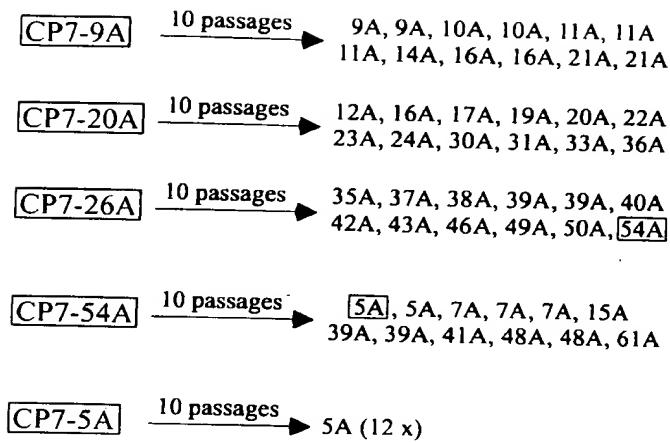


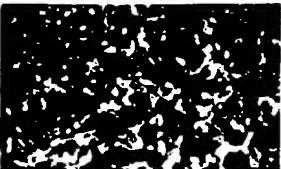
Figure 1



**Fig. 2**

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Figure 3

	IF 24h p.t.	Infectivity (PFU/ $\mu$ gRNA)
CP7-5A		$6.0 \times 10^5$
CP7-9A		$5.2 \times 10^5$
CP7-20A		$4.8 \times 10^5$
CP7-26A		$4.8 \times 10^5$
CP7-54A		$8.0 \times 10^4$
CP7-T		$8.0 \times 10^2$

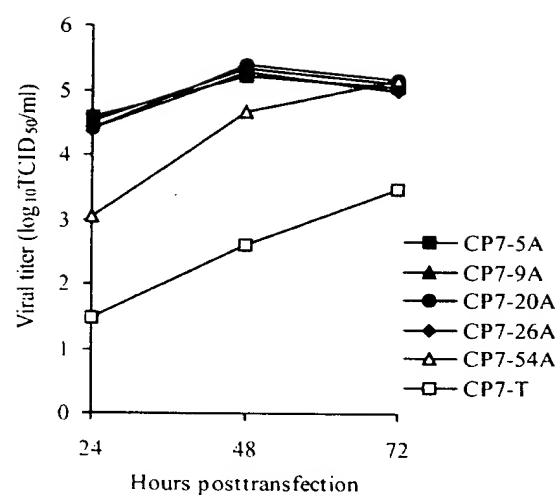
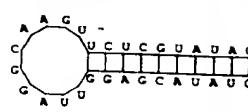


Fig. 4

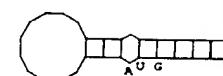
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A

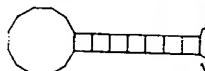
CP7-5A



SL-5



SL-1 ( $\Delta$ 2)



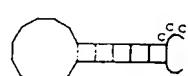
SL-6



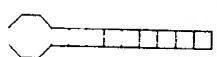
SL-2 ( $\Delta$ 6 - 7)



SL-7



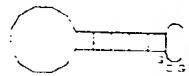
SL-3 ( $\Delta$ 14 - 17)



SL-8 ( $\Delta$ 1 - 24)



SL-4



SL-9 ( $\Delta$ 2 - 29)



B

	CP7-5A	SL-1	SL-2	SL-3	SL-4	SL-5	SL-6	SL-7	SL-8	SL-9
Infectivity (PFU/ $\mu$ g RNA)	$2.4 \times 10^5$	$4.4 \times 10^1$	$2.8 \times 10^4$	$4.0 \times 10^4$	< 10	$6.0 \times 10^4$	$6.4 \times 10^4$	$4.8 \times 10^4$	$5.2 \times 10^3$	$6.4 \times 10^2$
TCID <sub>50</sub> /ml 24 h p.t.	$4.3 \times 10^4$	< 10	$2.1 \times 10^3$	$4.8 \times 10^3$	< 10	$7.1 \times 10^2$	$5.5 \times 10^3$	$3.7 \times 10^3$	$2.1 \times 10^2$	< 10
48 h p.t.	$1.5 \times 10^6$	$4.5 \times 10^1$	$1.3 \times 10^5$	$7.3 \times 10^4$	$1.4 \times 10^2$	$6.6 \times 10^4$	$1.3 \times 10^5$	$8.6 \times 10^4$	$6.3 \times 10^3$	$4.7 \times 10^2$
72 h p.t.	$1.3 \times 10^5$	$2.1 \times 10^2$	$1.7 \times 10^5$	$1.3 \times 10^5$	$4.1 \times 10^2$	$2.2 \times 10^5$	$1.5 \times 10^5$	$1.3 \times 10^5$	$2.1 \times 10^4$	$4.2 \times 10^3$

Fig. 5

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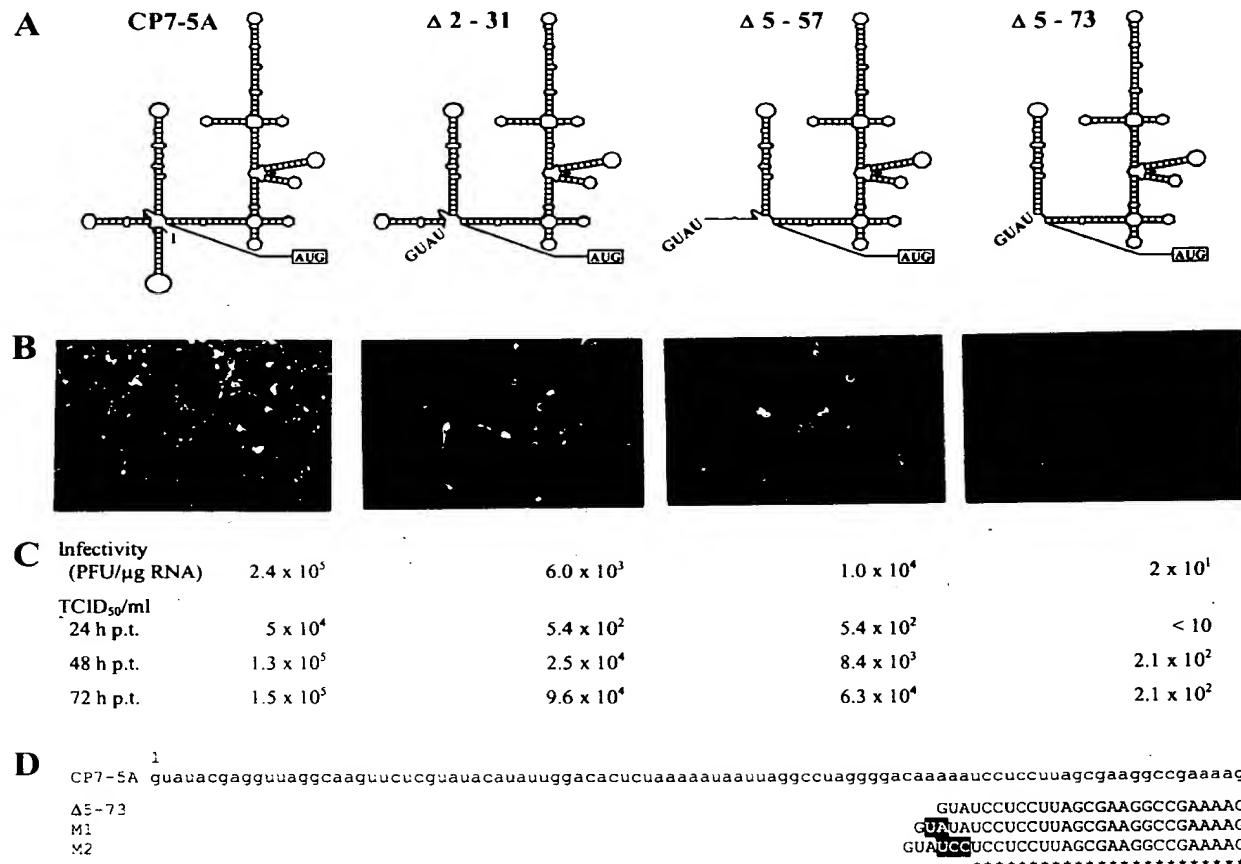


Fig. 6

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	CP7-5A	SL-2	SL-3	SL-5	SL-6	SL-7	SL-8	Δ2-31	Δ5-57
Plaque size (mm)	2.7	1.2	0.7	1.2	0.8	1.4	0.5	0.8	0.8

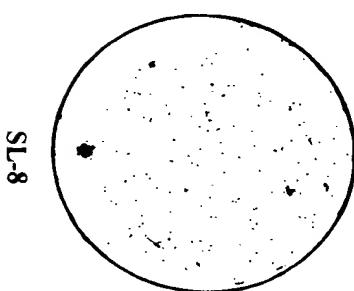
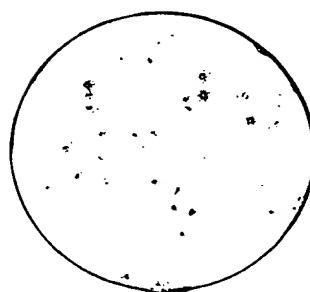


Figure 7

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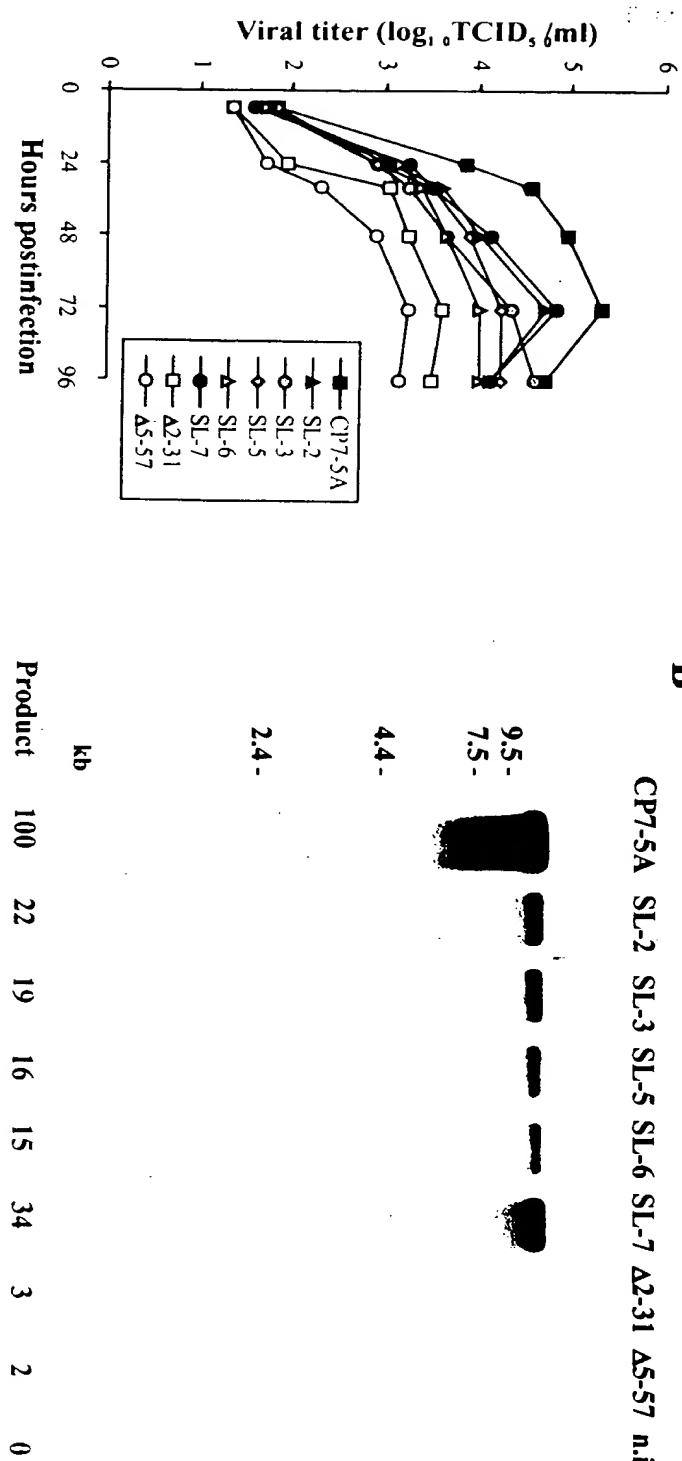


Fig. 8